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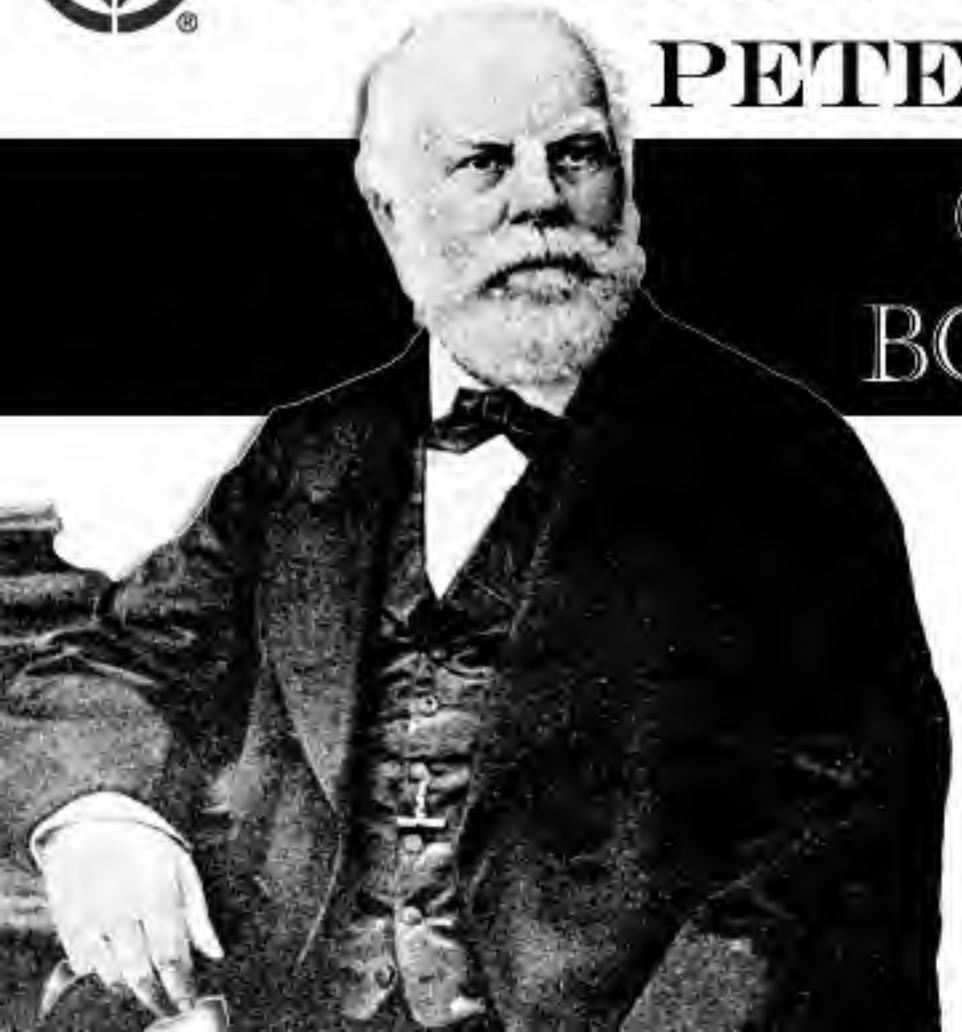

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Y. angustifolia β. elata Engl. = Stokesia Barnett
~~radiata~~ Engl. = Kitagawa Bot. 40 (a) Parlat.

Baker, not p. 496
Y. constricta Buckley Proc. Phil. Acad.
1862. p. 8

(Buckley's is = angustifolia)

Yucca elata Engelm
olim Y. angustifolia var elata

248-256

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Europ. Aff. Amerikan

Fr 1825

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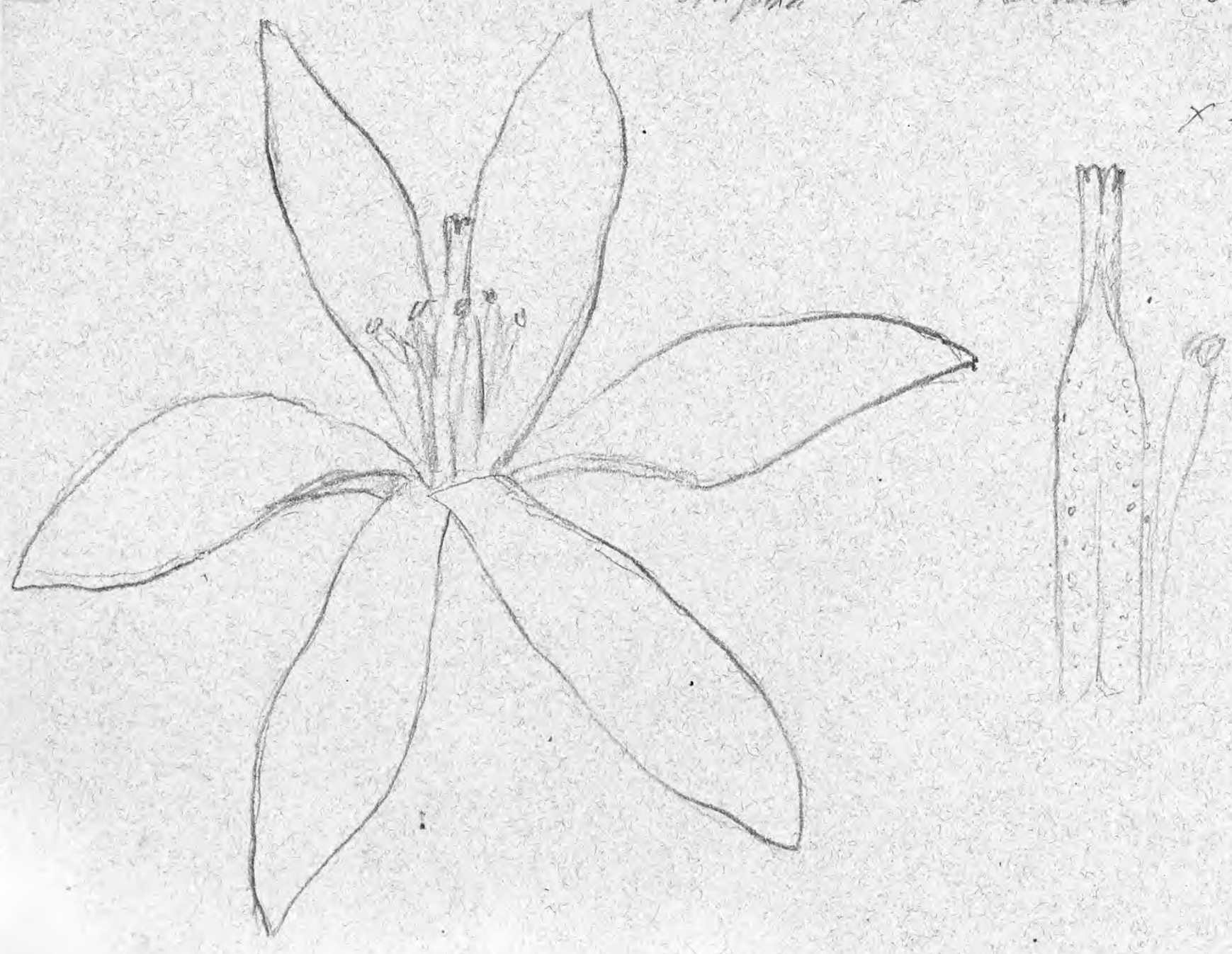
Yucca ~~stenophylla~~ elata Jan 1 1871

Arizona S Palmer 1869



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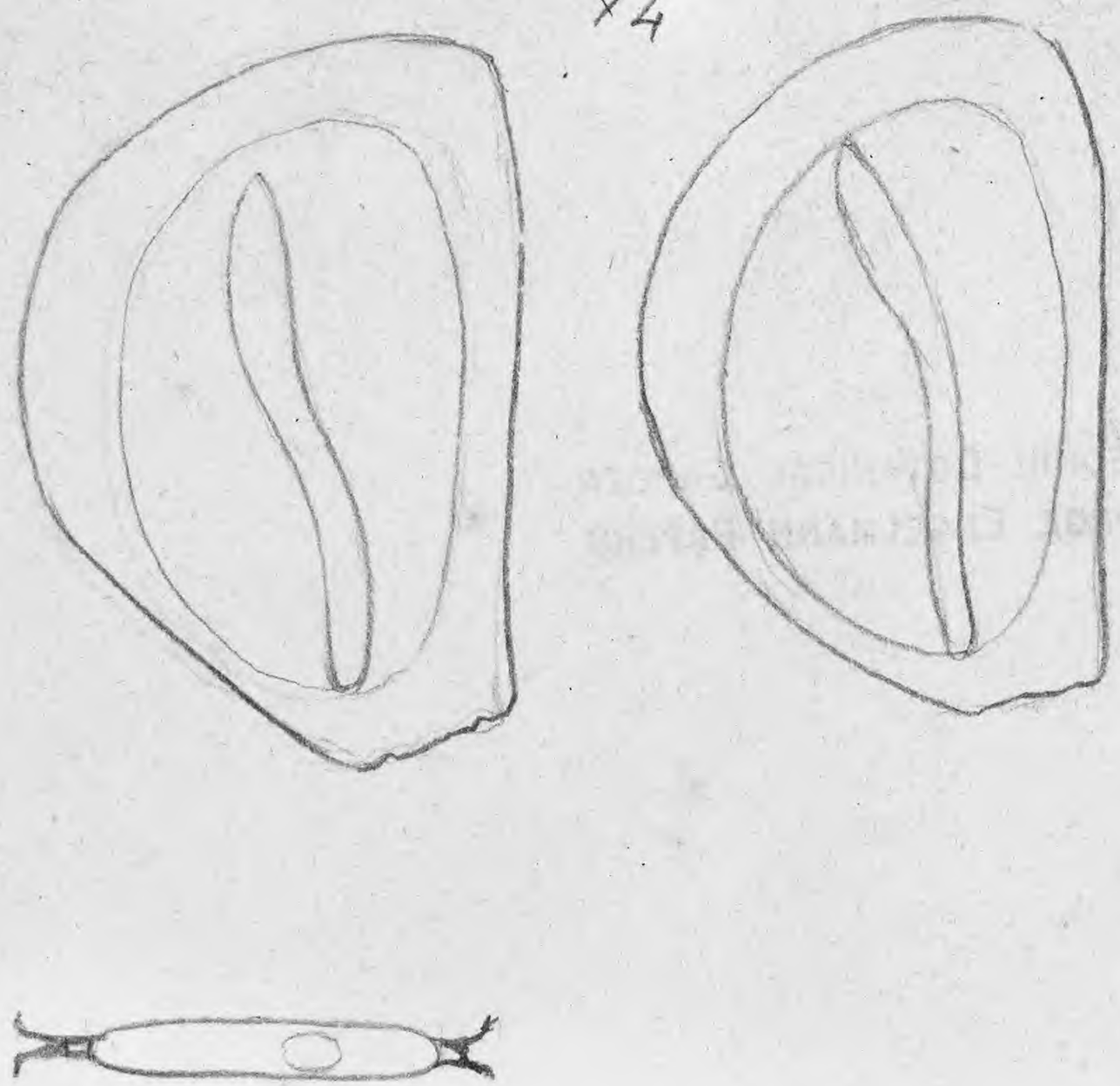
Yucca (~~Clevelandia~~) ~~radiata~~ Jan 5 1871

Arizona S Palmer 1869

Described by me as Y. angustifolia var radiosa

x4



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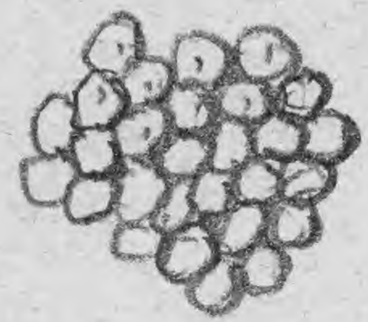
21

Y. angustifolia elata
radiosa

May 14 1872

Arizona Palm 1869

×150



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Yucca elata, scape 7' panicle 5' = 12 feet, above crown of leaves; trunk ~~5 feet~~ 8–11' panicle contracted, but branched

Sept 28 1880 on Mesa south of Tucson

My dear [illegible]

I know that you must have your hands full since your return and I do not like to add to your labors, but I cannot, with safety, make the

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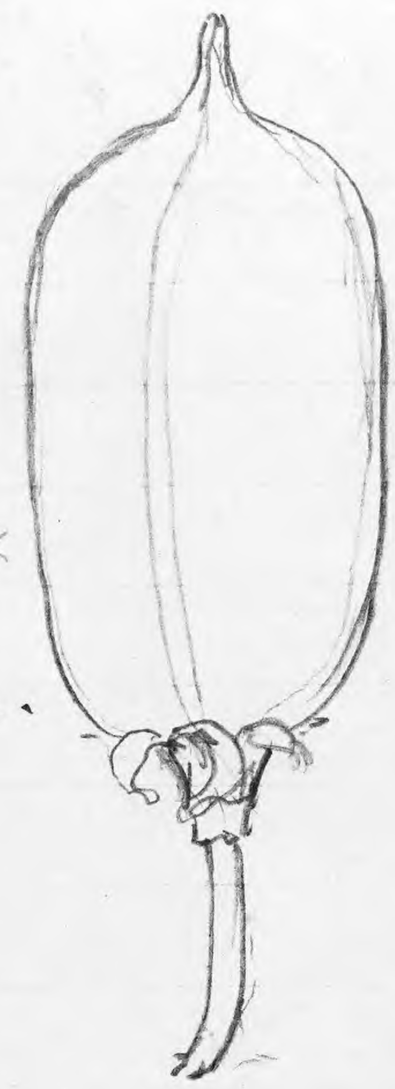
Fort Smith
June 24 1853

in the Forney

Dr Bigelow by



example
capsule

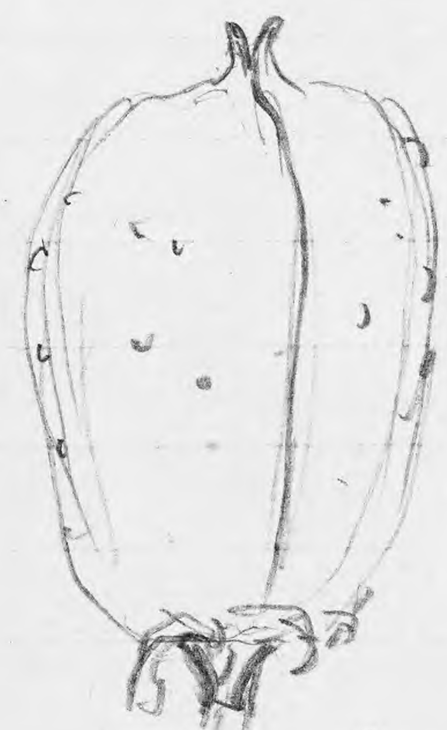
leaves 1/2
5 or 7

2 feet
long

long
wide

scape
not

racemose
paniculate



Pecan creek
Aug 24 1853.

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Y. angustifolia mollis

Yucca Bigelowii Torrey in Hemb

Y. stricta Sims ?

forma latifolia mollis Yucca angustifolia

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Jones Linden

Yucca elata Engelm. (Y. constricta Baker & Greenidge) 229
not Buckley, Y. angustifolia var elata, Engelm Botany
of Yucca p. 50

Trunk 3-5 or more feet high, leaves ~~glaucous~~ lighter, rigid,
glaucous ~~sharp pointed~~, white filamentous on margin, white
scape several feet high bearing a pyramidal panicle
of white flowers, perianal segments ovate, acute, ~~flat~~
~~not lanceolate~~ drooping ~~recurving~~ alternately into a long slightly
capsule ~~thin~~, ~~pale~~, cylindrical ovate, short, crispedly
white membrane or acuminate and acute beaks as
long as the pedicels, soon breaking off,
seeds ~~as~~ large, rich black ~~with a narrow wing~~
margined.

Deserts of southern Arizona, probably extending into southern
New Mexico and into Mexico. Distinguished from
it closely allied Y. angustifolia, with which I had
formerly united it, by its stout trunk 3-10 or ~~4-6~~ feet high, 3-7 in thick
especially the long ~~white~~ ~~6-12 feet high~~ flowering scape ~~6-12 feet~~ high
naked below, ~~with leaves~~ bearing a much branched pyramidal panicle.
The styles, green in the other species is here
whitish.

Flowers opening at $\frac{1}{2}$ - 1 inches, ~~[illegible]~~ See other page
capsules similar to those of angustifolia, seeds of
the same size and larger than in all the other species,
but with narrower margin
fully $\frac{1}{2}$ inch in diameter, ~~with a narrow wing~~

In the largest specimen measured by me south of Tucson
I found the trunk 11' high to the crown of leaves (in my
wide - ; respected found upon 7' per the 5 feet long over

for specimen flowers ~~which~~ before the weak a trunk, seemingly than would be a right flower but the scapes naked will always distinguish the

+ Yucca constricta Buckley is a large form of Yucca with a short trunk, such as we often find in that species, especially in cultivation. The conditions appear equally in all Yucca species when ~~[illegible]~~ are well cultivated, as the right

St Louis Jan 16/82

Dr Geo Engelmann

City

Dear Sir

Herewith please find Check in settlement of your bill of Nov 28/81.

Yours &c

Chas. H. Dempe

Your ~~[illegible]~~ is now has a pubescent $16.00 peduncle, while varieties at least in the north, is always smooth, Your letter Sept in Notes on Yucca pag 46 ~~and~~ also for the year, and with a pubescent peduncles.

Y. filamentosa flowers wide with 9-45-N 2nd St. and lobes

Some ⊙ Y. angustifolia has ~~[illegible]~~ greenish globose flowers with ~~[illegible]~~ very white broadly oval concave ~~[illegible]~~ segments, which do not open wide at night.

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Yucca constricta, Buckley Proc Phil Acad. 1862 p. 8

foliis linearibus lanceolatis, margine filamentosis accumulatis in apice caudicis confertissimis, caudex 12–18 pollicaris scapus 4–8 pedalis, paniculis magnis, floribus numerosis longe pedunculatis bracteis ovatis acutis margine membranaceis, sepalis ovato oblongis subobtusis capsula subcylindrica sic medio constricta.

West Texas, fl. June

--- Leaves 12–15 inches long 4–6 lines broad. Differs from Y. angustifolia by the longer caudex shorter leaves and constricted Capsule. Caps. obtuse at both ends 1½–2½ inches long.

Y. angustifolia is common in North Texas; leaves 1/3 longer [therefore 18–21 inches long?] scarcely a caudex

It may be my Y. elata after all; scape high — panicles large! — Contricted capsules are accidental and I think very rare in this form.

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Vienna Universal Exposition. 1873.

CONTRIBUTIONS FROM THE UNITED STATES.

SIR:

THE United States Commissioner to the Vienna Exposition of 1873, Gen. Thomas B. Van Buren, has requested the gentlemen whose names are annexed, to act as an Advisory Committee for GROUP IV. SUBSTANCES OF FOOD AS PRODUCTS OF INDUSTRY.

This group embraces, in the classification of the Imperial Commissioners:

a) Flour and other farinaceous products, malt and its products;
b) Sugar and its products;
c) Spirits and spirituous liquors, &c.;
d) Wines;
e) Ale, beer, porter, &c.;
f) Vinegars;
g) Preserves and extracts, (extracts of meat, portable soup, condensed milk, Erbswurst, preserved vegetables, preserved meat, &c.;
h) Tobacco, and similar manufactures;
i) Confectionery, ginger-bread, chocolate, coffee substitutes, &c.;
k) Processes and inventions for preparing all these articles;
l) Statistics of production.

The Austrian Commissioners earnestly invite illustrative models of processes which are labor and time saving, as well as carefully prepared products in the several branches of industry.

It cannot be doubted that ample return for the time and labor it may cost each worthy exhibitor, will be made, both in the recognition in the competitive exhibition, and in the increased demand for his productions.

Congress will doubtless make such appropriation as will greatly relieve the cost of transportation, storage and proper exhibition.

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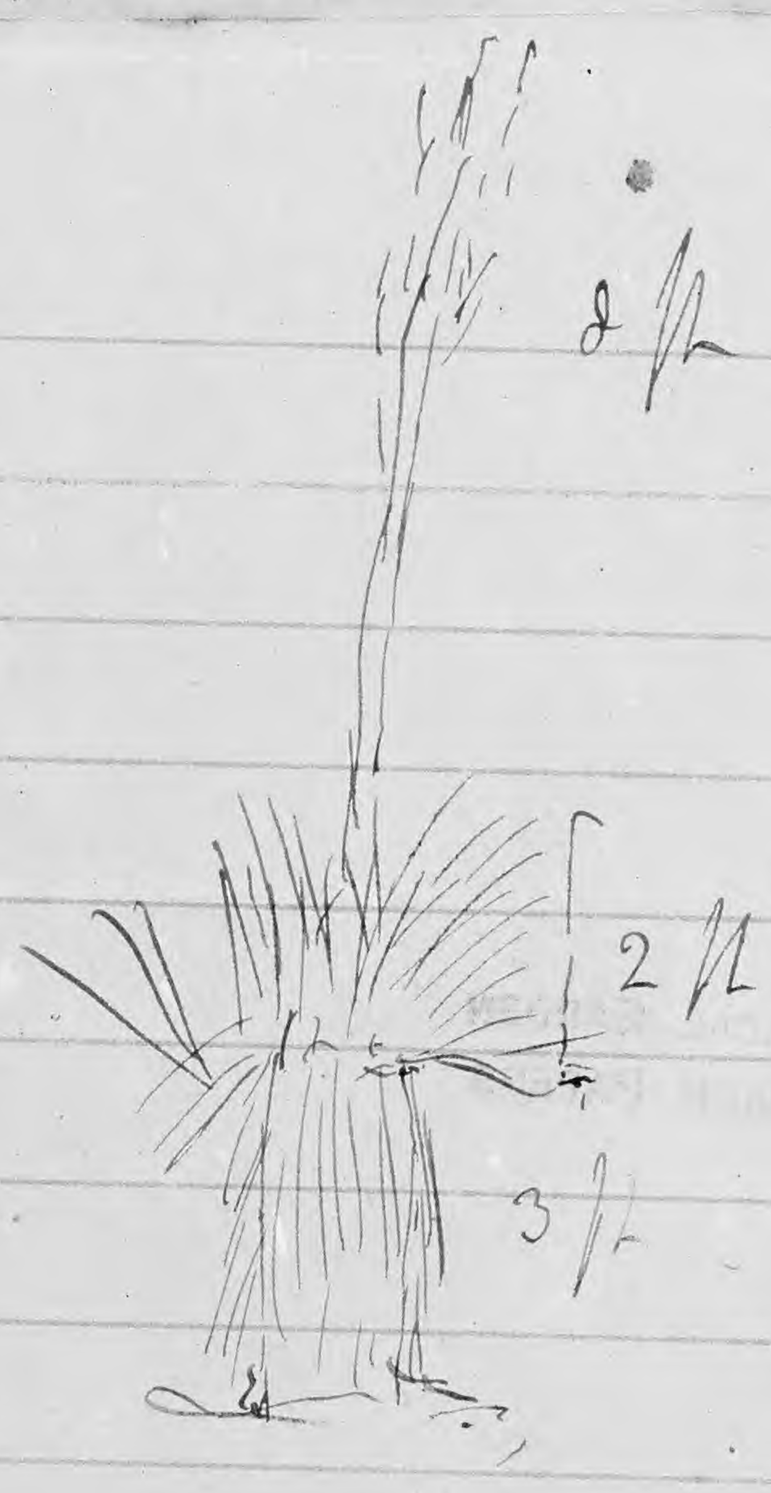
Dr C C Parry Jan 1881

No 6

6 Yucca elata ? (albo marginata) ?
The slender leaved Y. which you noticed, and which notwithstanding my protest years ago you called Y angustifolia Torr. I yet never admit as a good species. I forget your provisional name. but the above seem a very constant character (white margin.) The filamentous threads are mostly at the base of the leaf. Some fine trunk specimens near Benson



I secure's some seed from old. capsules. & send by mail
What notes have you made in Texas? What more do you want to know about it? —

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Y. angustifolia

~~[illegible]~~ mollis

Lindheimer June 1873 writes
Scape only 2-3 feet high; raceme simple, 1/2 - 3/4 feet
flowers greenish white; pistill long light green, with
darker green stigma

237-247

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Carniolia, Asia minor.

H. B. Würzb. 1822

4698

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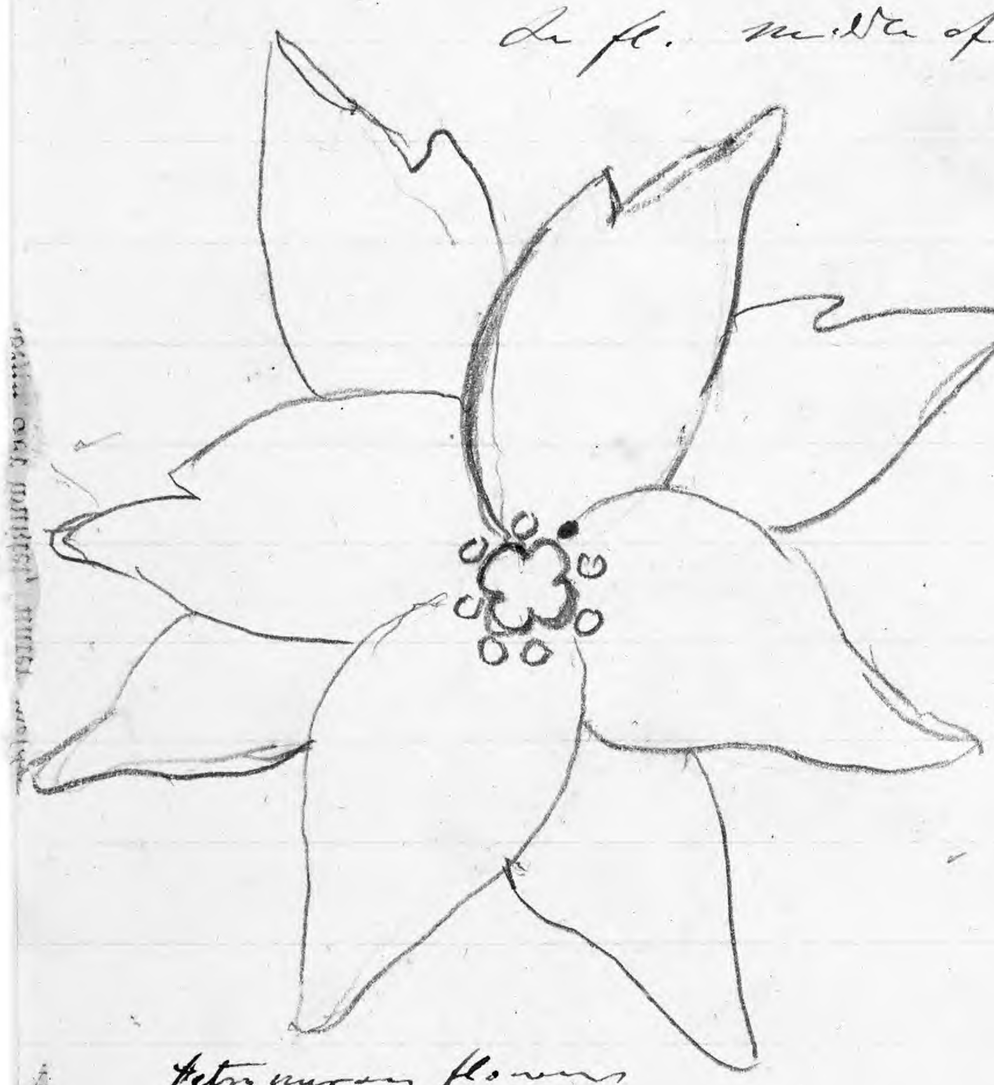
Yucca angustifolia var mollis

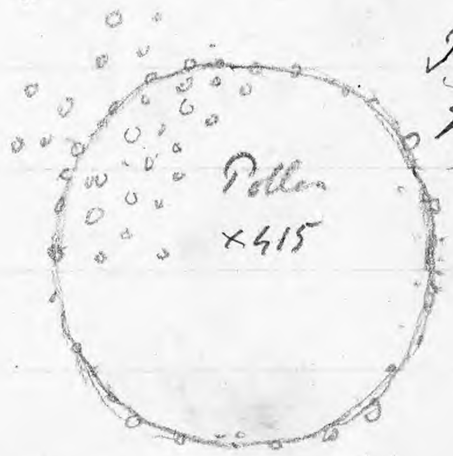
Atoka on Mo Kans & Tex R Road, 55 miles north of Red River

In fl. middle of May, 1874 G K Butler leg.



Petals narrow flowers
3rd Stamen without anther

×10



Pollen covered with little globular drops, detached in water in part; oil?

×2

half an anther
growing out into a petal
other half pollen-iferous

half a stamen
petaloid, other half
abortive

Most of the flowers sent had supernumerary parts
usually 7 or 8 petaloid segments; stamens 6–8
ovary 3, 3 p & 6 parted, Stigma green
Flowers greenish inside, greenish purplish outside
in a spike leaves sharply pointed, 7–8 lines wide

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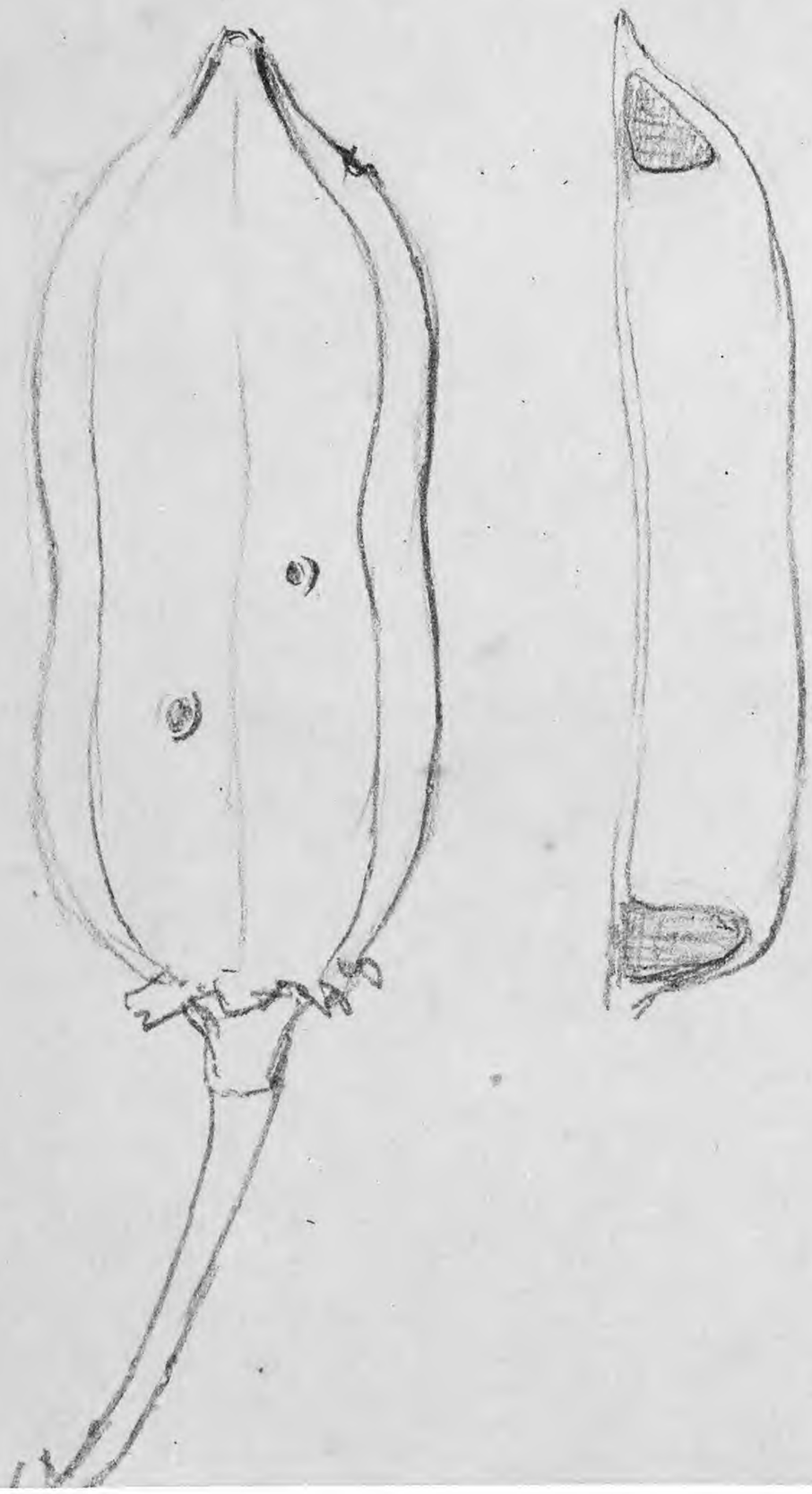
Yucca mollis ? Oct 28 1873

Texas, F. V Riley 1873



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